

L5 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1974:507211 CAPLUS Full-text
DOCUMENT NUMBER: 81:107211
TITLE: Polyester
INVENTOR(S): Chimura, Kazuchika; Ito, Kazuo; Takashima, Shunichi;
Shindo, Tamao; Kawashima, Masao
PATENT ASSIGNEE(S): Mitsubishi Rayon Co., Ltd.
SOURCE: Jpn. Tokkyo Koho, 3 pp.
CODEN: JAXXAD
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	----	-----	-----	-----
JP 48038637	B	19731119	JP 1969-70282	19690906 <--
BE 751435	A	19701116	BE 1970-751435	19700604
NL 7012880	A	19710309	NL 1970-12880	19700831
PRIORITY APPLN. INFO.:			JP 1969-70282	A 19690906

AB Polyethylene terephthalate [25038-59-9] having good whiteness and transparency even after spinning was prepared using Sb [7440-36-0] in the ester exchange catalyst composition. Thus, dimethyl terephthalate 1000, ethylene glycol 750, Mn(OAc)₂ 0.2 and Sb 0.05 part were heated 3 hr at 150-220.deg. while removing MeOH. GeO₂ was added after removing ethylene glycol and the mixture was heated 3 hr at 280.deg. at 1 mm to give white polymer having intrinsic viscosity 0.711.